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(11)

EP 0 798 711 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
16.12.1998 Bulletin 1998/51

(51) Int. Cl.⁶: **G11B 20/12, G11B 27/32**

(43) Date of publication A2:
01.10.1997 Bulletin 1997/40

(21) Application number: **97105050.5**

(22) Date of filing: **25.03.1997**

(84) Designated Contracting States:
DE FR GB NL

(30) Priority: **25.03.1996 JP 68410/96**

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(54) Information recording disk with management areas

(57) A disk (OD) rotated at one (N2) of prescribed rotation speeds (N1 - N4) so as to record information is used. The disk (OD) includes a data area (DA2) formed spirally or concentrically with a center of rotation, in which information is recorded when the disk (OD) is being rotated at the rotation speed (N2), and a management area (MA2) in which management information associated with writing is recorded at the rotation speed (N2) when writing is to be performed in the data area (DA2) during rotation of the disk (OD) at the rotation speed (N2). The management area (MA2) is formed spirally or concentrically with the center of rotation of the disk on a side farther from the center of rotation of the disk (OD).

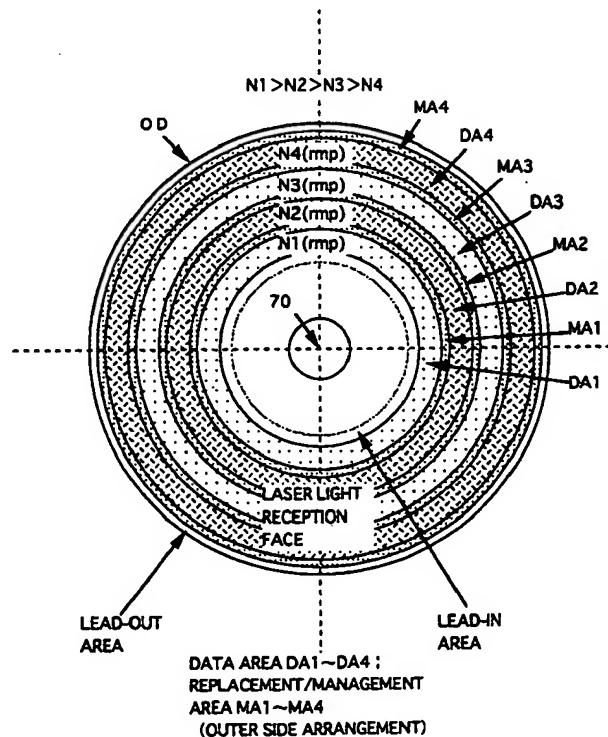


FIG. 6



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EUROPEAN SEARCH REPORT

Application Number
EP 97 10 5050

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 651 391 A (TOKYO SHIBAURA ELECTRIC CO ;TOSHIBA AVE KK (JP)) 3 May 1995 * column 1, line 1 - line 7 * * column 3, line 23 - line 28 * * column 4, line 51 - line 58 * * column 5, line 1 * * claim 6 * * figure 2A *	1,2	G11B20/12 G11B27/32
A	WO 96 07179 A (SONY CORP ;OHTOMO KATSUHIKO (JP)) 7 March 1996 * abstract *	1-3,8	
A	EP 0 635 835 A (SONY CORP) 25 January 1995 * column 9, line 28 - line 57 * * column 12, line 18 - line 47 * * figure 21 *	1,2	
A	US 5 241 531 A (OHNO MOTOYASU ET AL) 31 August 1993 * abstract * * figures 1,14 *	11	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	US 5 150 339 A (UEDA HIROTADA ET AL) 22 September 1992 * abstract * * figure 2 *	11	G11B
A	EP 0 350 920 A (MATSUSHITA ELECTRIC IND CO LTD) 17 January 1990 * abstract * * page 2, line 5 - line 48 * * figure 1 *	11,12	
A	EP 0 415 352 A (MICROSOFT CORP) 6 March 1991 * abstract * * figure 2A *	11-13	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 October 1998	Examiner Barel-Faucheux, C
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document	